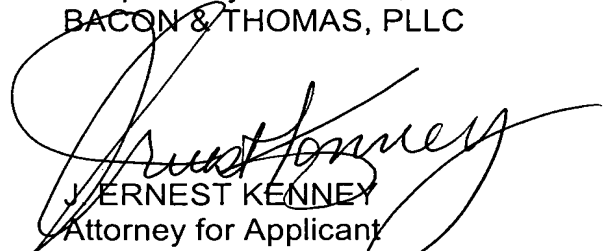


REMARKS

The claims have been amended to place them in conformity with U.S. practice. It is not believed that any of the elements of the claims have been narrowed by the preliminary amendment, which is intended to facilitate examination of the application. Examination of the application as amended is requested.

Respectfully submitted,
BACON & THOMAS, PLLC


J. ERNEST KENNEY
Attorney for Applicant
Registration No. 19,179



Customer 23364

BACON & THOMAS, PLLC
625 Slaters Lane - 4th Floor
Alexandria, VA 22314-1176
Telephone: (703) 683-0500
Facsimile: (703) 683-1080

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Sports

International Application No. PCT/EP00/01428
Attorney Docket: PLAS3002/JEK

APPENDIX OF MARKED-UP VERSION OF CLAIMS

1(Amended). A document of value (1, 14) such as a paper of value or ID card [with] comprising a security element (23, 24, 25, 26, 27) having at least one optically variable material (15, 39, 40, 41) that conveys different color effects at different viewing angles, and at least one machine-readable feature substance (16, 17, 18, 19, 30, 37) that does not impair [the] a visually visible optically variable effect of the optically variable material (4, 15), the feature substance (16, 17, 18, 19, 30, 37) being present in the form of a coding or alphanumeric information.

2(Amended). [A] The document of value (1, 14) according to claim 1, [characterized in that] wherein the security element (23, 24, 25, 26, 27) [consists of] comprises a printed image having a first printed layer (16, 37) containing the feature substance (17, 30, 32), said printed layer being in the form of the coding or alphanumeric information, and an optically variable material (15, 39, 40, 41) disposed over said printed layer (16, 37).

3(Amended). [A] The document of value according to claim [1 or] 2, [characterized in that] wherein the security element (26, 27) has a second printed layer (31, 36) containing no feature substance that is disposed in register with the first printed layer (16, 37) and shows the same visual appearance as the first printed layer (16, 37).

4(Amended). [A] The document of value (1, 14) according to [at least one of claims 1 to 3, characterized in that] claim 2, wherein the first printed layer has a dark, preferably black, color.

5(Amended). [A] The document of value (1, 14) according to [at least one of claims 1 to 4, characterized in that] claim 1, wherein the security element (23, 24, 25, 26, 27) has two liquid-crystal materials (40, 41) with different polarization properties.

6(Amended). A document of value (1, 14) such as a paper of value or ID card [with] comprising a security element (5) having at least one optically variable material that conveys different color effects at different viewing angles, and at least one machine-readable feature substance that does not impair [the] a visually visible optically variable effect of the optically variable material, the optically variable material and the feature substance being disposed in one layer (4) and said layer (4) being present in the form of information.

7(Amended). [A] The document of value (1, 14) according to claim 6, [characterized in that] wherein the layer (4) is present on the document of value (1) in the form of a print.

8(Amended). [A] The document of value (1, 14) according to claim 6 [or 7, characterized in that] , wherein the layer (4) has a binder of electrically conductive material and optically variable pigments dispersed therein.

9(Amended). [A] The document of value (1, 14) according to [at least one of claims 1 to 7, characterized in that] claim 1 or 6, wherein the security element (5, 23, 24, 25, 26, 27) is disposed on a plastic foil that is connected with the document of value (1, 14).

10(Amended). [A] The document of value (1, 14) such as a paper of value or ID card [with] comprising a security element (21) having at least one optically variable material that conveys different color effects at different viewing angles, and at least one machine-readable feature substance (8) that does not impair [the] a visually visible optically variable effect of the optically variable material, the optically variable material and the feature substance (8) being disposed in one layer and said layer being a self-supporting plastic foil (9).

11(Amended). [A] The document of value (1, 14) according to [at least one of claims 1 to 10, characterized in that] claim 10, wherein the plastic foil (9) is present in the form of a thread or band that is freely accessible at least partially on the surface of the document of value (1).

12(Amended). [A] The document of value (1) according to [at least one of claims 1 to 10, characterized in that] claim 10, wherein the plastic foil (9) is present in the form of a label that is applied to the document of value (1).

13(Amended). [A] The document of value (1, 14) according to [at least one of claims 1 to 10, characterized in that] claim 10, wherein the plastic foil (9) forms a cover foil of the document of value.

14(Amended). [A] The document of value (1, 14) according to [at least one of claims 1 to 13, characterized in that] claim 1, 6 or 10, wherein the optically variable material (4, 7, 9, 15) is a liquid-crystal material.

15(Canceled). [A document of value (1, 14) according to at least one of claims 1 to 14, characterized in that the optically variable material (4, 7, 9, 15) is a liquid-crystal polymer material or microencapsulated liquid-crystal material.]

16(Amended). [A] The document of value (1, 14) according to [at least one of claims 1 to 13, characterized in that] claim 1, 6 or 10, wherein the optically variable material (4, 7, 9, 15) is an interference layer material.

17(Amended). [A] The document of value (1, 14) according to [at least one of claims 1 to 16, characterized in that] claim 1, 6 or 10, wherein the optically variable material (4, 7, 9, 15) is selected from the group consisting of a pigment [or] and a particle with suitable size and shape factor.

18(Canceled). [A document of value (1, 14) according to at least one of claims 1 to 17, characterized in that the machine-readable feature substance (8, 18, 19) is transparent in the visible spectral region.]

19(Amended). [A] The document of value (1, 14) according to [at least one of claims 1 to 18, characterized in that] claim 1, 6 or 10, wherein the machine-readable feature substance (8, 19) is a material luminescing including a substance that is luminescent outside the visible spectral region.

20(Canceled). [A document of value (1, 14) according to claim 19, characterized in that the luminescent substance is an inorganic luminescent substance.]

21(Amended). [A] The document of value (1, 14) according to [at least one of claims 1 to 20, characterized in that] claim 1, 6 or 10, wherein the machine-readable feature substance (8) is an IR-absorbent material.

22(Amended). [A] The document of value (1, 14) according to [at least one of claims 1 to 21, characterized in that] claim 1, 6 or 10, wherein the security element is present on the document of value as a multilayer transfer element in whose layer structure the optically variable material and feature substance are disposed.

23(Amended). A foil (9) [having] comprising at least one optically variable material (7, 9, 15, 39, 40, 41) that conveys different color effects at different viewing angles, [characterized in that] wherein the foil (9) additionally has at least one machine-readable feature substance (8) that does not impair [the] a visually visible optically variable effect of the optically variable material.

24(Canceled). [A foil (9) according to claim 23, characterized in that the foil (9) consists of a polymer material in which optically variable pigments and the feature substance (8) are embedded.]

25(Canceled). [A foil (9) according to claim 23, characterized in that the foil (9) consists of a liquid-crystal or electrically conductive polymer material in which the feature substance (8) is embedded.]

26(Canceled). [A foil according to at least one of claims 23 to 25, characterized in that a security element (23, 24, 25, 26, 27) is disposed on the foil (9), said element consisting of a printed image having a first printed layer (16, 37) containing the feature substance (17, 30, 32), and an optically variable material (15, 39, 40, 41) disposed over said printed layer (16, 37).]

27(Amended). A multilayer transfer material (22) [having] comprising at least one optically variable material (12) that conveys different color effects at different viewing angles, [characterized in that] wherein the transfer material (22) additionally has at least one machine readable feature substance (8) that does not impair [the] a visually visible optically variable effect of the optically variable material (12).

28(Canceled). [A multilayer transfer material (22) according to claim 27, characterized in that the transfer material is formed as a hot stamping foil or label material.]

29(Amended). A printing ink [having] comprising at least one binder and one optically variable material that conveys different color effects at different viewing angles, [characterized in that] the printing ink additionally [has] including at least one machine-readable feature substance (8) that does not impair [the] a visually visible optically variable effect of the optically variable material.

30(Canceled). [A printing ink according to claim 29, characterized in that the printing ink contains optically variable pigments in 10 to 30 wt% and feature substance in 0.01 to 30 wt%, preferably 0.01 to 10 wt%, based on the binder.]

31(Amended). Plastics pellets, [characterized in that the plastic pellets have] comprising at least one optically variable material that conveys different color effects at different viewing angles and at least one machine-readable feature substance that does not impair [the] a visually visible optically variable effect of the optically variable material.

32(Canceled). [Use of a foil (9) according to at least one of claims 23 to 26 for producing security elements or documents of value.]

33(Canceled). [Use of a multilayer transfer material (22) according to claim 27 or 28 for producing security elements or documents of value.]

34(Canceled). [Use of a printing ink according to claim 29 for security printing, in particular printing papers of value.]

35(Amended). A method for testing a document of value made according to claim 1, [characterized in that] wherein the existence of the optically variable material is tested in a first step and the feature substance is tested in the area of the optically variable material in a second step.